<213> Pinus taeda

<400> 316
gcggacgcct tggtacaatg gacttgcaaa aataaaatga gttctcattt gtgggtgaga 60
tgcggatatt ttatgcatag gcacttcatg gagatgtggt ttataaacgc catcttaata 120
tctgtaccta ttactttcaa aatatgaagg caagatggaa agctactcat ctgttgtgaa 180
gtcagaatgt tggtagcggt tgggctctga aagtaagaaa cttttttgatt ggtttaatta 240
aatgagggaa tttgcctggt ttccctcttc cttccgaaaa aaaaaaaaaa aa   292

<210> 317
<211> 298
<212> DNA
<213> Pinus taeda

<400> 317
gacgttgtaa aacgacggcc agacaatatt ggaagggaga aaggcgccag cagggttgag 60
gggaagaaat gcataatgac atatataatg agatctattt gtatacgata ttacgggtac 120
gatcgatgat tcgagctacg atcccatacg acgctaaagc gtaattacat atataataga 180
tgcatttcag aatgacttat ctatttcatt acgcgatatt atatacgtaa ttacgtatat 240
aattgcagag atctcaccga ccaaccaaat agtctttcat ttcatcccag gcgtccgc   298

<210> 318
<211> 337
<212> DNA
<213> Pinus taeda

<400> 318
gcggacgcct gtatcactag aggtgaatac tcagcaagca aaactgaagg atattattga 60
aaaagctgtc aaggctaaat tgggtgtcaa ttccccattg atcatgcatg gttctacact 120
tttgtttgag tccggtgatg acattgagga agatgttgct gcacattatg cacaaaactt 180
agagaagacg ttagcagaat ttccagttcc aatcacaaat ggtgttattc ttacagtaga 240
ggactaccag caagagttct tatgcagtat taatattaag cacagagatg actttgatga 300
ggagtcaggt ggcattgtac tgtctggagg cgtccgc   337

<210> 319
<211> 237
<212> DNA
<213> Pinus taeda

<400> 319
gcggacgcct ccttgtagat accatacatg agtctaagat caaaatcata caagaagagc 60
ttcattccgg gcctcacctt ttctacaagc tccttttttgg ctggtggaaa gccaaacact 120
ctgtatcgga aacactcctg cctagtttca gaattacaca taaaaatcaa gccggcaaac 180
ctatctttgc cactgccatc ttcattgttt gcgtcctggc cgtcgtttta caacgtc   237

<210> 320
<211> 484
<212> DNA
<213> Pinus taeda

<400> 320
gcggacgcct tactaaaacg acggccagat gtgtaatggg gaaaatgtgt catgatagtt 60
gggtacaaat aacgagccac ctgctctatg ttttcgaagt tttctgttgg atttgtccgg 120
gtgagagagc gttcgttcgt tgcgcgagag gggcaaaatg ctgagcgtgg ggaattgcca 180

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ttgccgcccc tggaagtgcc gcacgaacgc gatcacattt aaatcaccat ttacttcatc 240
atcaccatgg ttaaatgcag tccctgctcc ttcaaacagg aacttcagat ccttcaagct 300
cgaaatctcc gcctctgctt cctcgaagac aagactctgt gaggaggaag cgcagcagct 360
gagcttagcg gatctgctga agcccggtgg cctcgccccc gatgggttct cgtacaagga 420
gaactttacc atacgctgct atgaagtccg agttaaaccg cactgccacc attgaggcgt 480
ccgc                                                             484
```


<210> 321
<211> 248
<212> DNA
<213> Pinus taeda

<400> 321
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gacgttgtaa aacgacggcc agcaaccaaa taaaccccac atgtgctcaa tgttttagta 60
taaaaggaga tgacttaaga gtcatttcac acacacttct atcttgattt ctctccactt 120
gtcttgggtt ttagtggaag agaaatctag gagtggaagc cctagacgtt ggaggataag 180
aaggcaaccc tagaaggcag agctaacgct atcctaaggc aaccctaacg ctatcctaag 240
gcgtccgc                                                         248
```


<210> 322
<211> 401
<212> DNA
<213> Pinus taeda

<400> 322
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gcggacgcct gctcagcacc tgttatagtc atttcttttt tcctttttct catttttctc 60
tttcgaatga ccgcaatgaa attcaggctg cccaacgcgt ttttgttttc acaattaatt 120
tttgaatcat acgcgaagat catgatgaga atggttgtgg aaaaaaactg tttgtaaata 180
tttaggtgac caacaatttt catgattgca atctaaagtt gataattgat ttatcgggtc 240
gacatttgta attattaaca cggaaaatct gaggcttaca atttttggat tgtaaatatt 300
taggtgacga acaattttca tgattgcaat ctaaagttga caattgagtt atcgtgtcga 360
catttgtaat tattaacaca caaaatctat gaggcgtccg c                     401
```


<210> 323
<211> 493
<212> DNA
<213> Pinus taeda

<400> 323
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gcggacgcct catcaatcca tggttgtaca cgcgccttca aagcggcttc cttatgtcgc 60
gcagcgtcta cttgttcctt gagcgctttt ccctgctaca tccgcgcgag cctctgtgca 120
agggccactg tctgcgcggt ccctttaact tcgtcgtact tctgctgcag ctcacgtgtc 180
tctatttcta agtgctatat atttgggtcc tcctgcatag tagtgaactt cgaacgactc 240
ctcaaatagc caggtgtagt cttttcattgc actattgatc tccactattc ctgctataat 300
ggcgctaaca tgctgttcct tcacctttgg cggagttgaa ggctgcgcct tcttggagct 360
cggttatttg aagctgaacc ttgggcatat cttccttcac ctcgtgcatc ccctgcttcg 420
agtttctgga tgcacgcctc cactgggtct tctgctggga tgggcaactc taagaccaac 480
tggtatgcgt cgc                                                    493
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<210> 324
<211> 143
<212> DNA
<213> Pinus taeda

<400> 324
gcggacgcct tcttcaatcc atcaggcctg attaatgtat tgaccttctt tgtctgaatg 60
tcatacattt ttttcactgc atccttgatc ttcttcttgt cttgctttct atcctttctc 120
ttgctttcta tcctttctct ggc   143

<210> 325
<211> 314
<212> DNA
<213> Pinus taeda

<400> 325
gacgttgtaa aacgacggcc agcaaaattg atataaagaa tagacacatc gactcaaatg 60
aagtgactca acagttcatt aattcatgtc agcttgaatg catggacata cacccataaa 120
taggcagttg gggtcaccca aaagaacata gaaacatctc gcatctctct gaagaaactc 180
ggatgggtac aggtctgtga cttcgcatat tttgaaggag cactctcttg gataagtaca 240
atataggtac catctcggac tcgcctgaaa tctcgcaaag aagtctcatt ctcctccttg 300
ttacaggcgt ccgc   314

<210> 326
<211> 332
<212> DNA
<213> Pinus taeda

<400> 326
gacgttgtaa aacgacggcc agaagcatca ataaacaaaa tgacagatta acaagttctc 60
tcttaatctt aagagaatac atcaacatcc aagtaaagtc ataacacatt tacaaaatgg 120
tgccacggta tccattctct gtaacaaggt ttttctgaaa atagttttcc tcttatctat 180
gtaactcttc atagggatgc ctgtgtcaac gtgccatatt cccaaatttg gccacaatca 240
aaccttcctc attagaagaa acaatctctg gtctagctca aaattggcaa aatttccagc 300
atctcccttt aacatcatta gaaggcgtcc gc   332

<210> 327
<211> 1098
<212> DNA
<213> Pinus taeda

<220>
<221> modified_base
<222> (879)
<223> a, t, c, g, other or unknown

<400> 327
gggagatgct aatttgaagc ccttctctga aggtggacaa ttccagcagc agtggtctaa 60
agccccaata tggctataga aattcttctg ggggttgcac ctatggaaga gggtcggaga 120
ggacgaagct gtggatcgct cttaccatct gtgcggaagg tggtagcaga attcattgga 180
acgttcttcc tcatatttgt aggatgcgga tctgtcgttg ttgataagat aagcaacggt 240
tccataactc atcttggtgt gtcgcttgta tggggaatgg cggccatgat tgtaatttat 300
tccataggcc atatttctgg agctcatttg aatcctgcag tgacgttggc ccttgcggct 360
gtgaagagat ttccatgggt tcaggttcca ggctacatag tagctcaagt atttggatcg 420
atatctgctg ggtttctcct acgtttcatg tttggagaag tggcattcat gggagccaca 480
gttccttcag gctcagaaat gcagtctttc gctttggaaa ttattactac gtcattgttg 540
gtgtttgtgg tttctgcagt cgccactgat acaaaagcgg tgggtgaatt gggaggttca 600
gcaattggag cgaccatcgc aatgaatgta gccatatccg gaccaatctc aggagcttca 660
atgaatccag caaggacaat aggatccgca gtggctggca caaatatac aagcatttgg 720
gtttacatgg ttgggcctgt aatcggtgcg ctaatgggtg caatgagtta taacatgatt 780